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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/926,356	12/20/2001	Johannes Krul	011369	9258

23850 7590 02/18/2003

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EXAMINER

ST CYR, DANIEL

ART UNIT	PAPER NUMBER
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2876

DATE MAILED: 02/18/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/926,356

Applicant(s)

KRUL, JOHANNES

Examiner

Daniel St.Cyr

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 22 October 2001.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 19-34 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 34 is/are rejected.
- 7) ☒ Claim(s) 19-33 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413) Paper No(s) \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

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### **DETAILED ACTION**

1. Receipt is acknowledged of the pre-amendment filed 10/27/01.

#### ***Priority***

2. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

#### ***Specification***

3. The abstract of the disclosure is objected to because of legal the phraseology "means" in line 7. Correction is required. See MPEP § 608.01(b).
4. The specification is objected to because of the following informalities: the applicant failed to provide appropriated headings, such as "Background of the invention", "Summary of the invention" and "Details description of drawings". Appropriate correction is required.

#### ***Claim Objections***

5. Claims 19-32 are objected to because of the following informalities:  
Claims 19 and 32, line 1 "Authenticity" should be changed to --An authenticity--.  
Claims 20-31, "Authenticity" should be changed to --the authenticity--.  
Claim 33 should be rewritten into two distinct claims: 1) in a method format to be depended on claim 19 and 2) in a system format to depended on claim 32.

Appropriate correction is required.

#### ***Claim Rejections - 35 USC § 102***

6. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

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(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

7. Claims 34 is rejected under 35 U.S.C. 102(b) as being anticipated by Niepolomski et al, US Patent No. 4,970,260.

Niepolomski et al disclose a method and apparatus for validating documents comprising: a value document 2 which bears encoded monetary value, the document includes separate portions of conducting area C1-Cn which are connected by means of diodes, wherein the diodes have predetermine conducting direction (see figures 7 and 8 and col. 3, line 6+).

***Allowable Subject Matter***

8. Claims 19-33 would be allowable if rewritten or amended to overcome the objection set forth in this Office action.

9. The following is a statement of reasons for the indication of allowable subject matter: although the prior art of record teaches documents having conducting area separated by diodes wherein the diodes have a predetermine conducting direction, the prior art of record fails to disclose or fairly suggests that the document is validating by the comparing the detected conducting direction with a reference conducting direction. These limitations in conjunction with other limitations in the claims were not shown by the prior art of record.

***Conclusion***

10. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Crane, US Patent No. 4,652,015, discloses a security paper for currency and banknotes. Melling et al, US Patent No. 4,943,093, disclose a security paper for banknote and the like. Detrick et al, US Patent No. 5,161,829, a security paper and method of manufacturing the

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same. Jones, US Patent No. 5,255,129, discloses a magnetic code reader with adjustable thresholds.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Daniel St.Cyr whose telephone number is 703-305-2656. The examiner can normally be reached on Mon-Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael G Lee can be reached on 703-305-3503. The fax phone numbers for the organization where this application or proceeding is assigned are 703-308-7721 for regular communications and 703-308-7724 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0956.

Daniel St.Cyr  
Examiner  
Art Unit 2876

A handwritten signature in black ink, appearing to read 'Daniel St.Cyr', with a long horizontal line extending to the right.

DS  
February 12, 2003